

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: seront@seism1.ess.sunysb.edu (Bernard Seront)
Subject: [3503] 1N191=>1N34, any HW104 owner?
Message-ID: <9509271454.AA02185@seism1.ess.sunysb.edu>

Thank's for the answers.

An equivalent of 1N191 is 1N34.

These are germanium diodes, so my suggestion to use an 1N914 was wrong.

By the way it was quite hard to find the equivalence, our local electronic service didn't find it in all the docs they have!
We eventually got a Radio Shack part number in "Semiconductor reference guide" (another RS product, #276-4015), and a look in the catalogue gave us 1N34A.

Anyone own a Heathkit HW104 transceiver? I have a couple of questions as I am in the process to realign it, and the receiver board is not the one described in the docs.

Bernard, KB2TGH.

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: [3528] 20m CW... WOW!
Message-ID: <9509272329.AA26959@philadelphia.libertynet.org>

I just started fooling around with 20CW. WOW! There is some MAJOR dx down there! (Keep in mind that the farthest away place I have worked is in ND.)

How is 20QRP? Any really good kits out there for that region? Is the OHR 20m Explorer a good performer?

72 es tn timer n3rcs.

Adam O'Donnell
Founder and soul member of
ISSARC: International Single side band Sucks Amateur Radio Club.
- Our goal is to eliminate the use of phone on HF. Digital and CW are much more fun.

--

Adam O'Donnell, N3RCS

Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [3537] 20m/CW/DX
Message-ID: <01HVSXWBIYDEI1EOH9@tntech.edu>

Howdi,

read this:

> >I just started fooling around with 20CW. WOW! There is some
> >MAJOR dx down there! (Keep in mind that the farthest away place I have
> >worked is in ND.)
> >
> >How is 20QRP? Any really good kits out there for that region? Is the
> >OHR 20m Explorer a good performer?
> >
> >72 es tn timer de n3rcs.

Say this:

> Well, 20m/DX/QRP is what got me hooked on qrp.. I started with a
> MFJ and a simple dipole.. worked all over the world with less than
> 5 watts with the antenna up usually about 20 feet or so using a
> small gel cell. I later used a PVC vertical and had great success
> portable.. I hardly ever need more than 2 watts.. and have worked
> great DX with 1 milliwatt.
>
> 72
>
> Jeff, AC4HF
>
> --Boundary (ID CRn6b9C2rPC63SLSSr9uhw) --

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: iapizloj@bicc00.bi.ehu.es (jon Iza)
Subject: [3513] Another convert!
Message-ID: <9509271917.AA34076@bicc00.bi.ehu.es>

Gang,
yesterday night my colleague Kike, EA2CAR, was finishing up his Wilderness
Radio NorCal 40A. While adjusting, first station heard was WA2EKM. No smoke,
a little bit of sweet on the hands, but kiking ass.s! He made several QSOs
and, I guess, he is gonna be another avid homebrewer. So far so good.
He is a happy guy today! Thanks to Bob and Wayne we have another convert.
One more!
Be well. 72 + 73
jon, ea2sn <== lowercase, i'm a qrp'er!

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: W3HMS@aol.com
Subject: [3524] ARCI ORGAN.
Message-ID: <950927221115_496870@emout05.mail.aol.com>

--PART.BOUNDARY.0.28505.emout05.mail.aol.com.812254275
Content-ID: <0_28505_812254275@emout05.mail.aol.com.3989>
Content-type: text/plain

LISTSERV@LEHIGH.EDU

--PART.BOUNDARY.0.28505.emout05.mail.aol.com.812254275
Content-ID: <0_28505_812254275@emout05.mail.aol.com.3990>
Content-type: application/octet-stream;
name="QRPORG1.095"
Content-Transfer-Encoding: base64

```
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AAAAAMIBHmHCAXgAFB4MF4wKAAAABBFAYQBQI8cB0wD+/v7+/v7+/+//////////+////////
//////////9IUCBEZXN1SmV0AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAASFBE
RVNLSkUuUfJTANsBeAAUHgwXjAoAAAAEEUDJAIfPAQABAAAAAAsASwBEAEdXLrQC8UAKDPY
JwEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACQM9gnAQhTdGFu
ZGFyZAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACQM9gnAQAAAAAAAAAAAAA
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Y2FuIGFkb3B0IHRoZSBwbGFuZDVzZWQgYnkgdGh1IEE5ldyBaZWZsYW5kIHNVY2l1dHkgd1pB
```

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aGFuaWNzYnVyZywgUEEsIENvLVByZXNpZGVudCAgUVJQIFNvY2l1dHkgb2YNQ2VudHJhbCBQ
QSAgMjYgU2VwIDE50TUgRU5ECg==

--PART.BOUNDARY.0.28505.emout05.mail.aol.com.812254275--

From qrp-l@lehigh.edu Thu Sep 28 11:15:00 1995
From: "OPS JRF KC1FB" <p01599@psilink.com>
Subject: [3526] Cascade Arrives
Message-ID: <3021331551.0.p01599@psilink.com>

My cascade Kit has arrived on the East Coast....mailer nearly flat, but
the contents seem intact. Even with a case of the "flu" I spent enough
time to check out the manual...looks great, except for all the "winding",
I'll have to get my glasses upgraded....).

Another great job from the Norcal Crew....Thanks...It's also my
Birthday Present from my wife!

72 & 73,

Jim KC1FB

From qrp-l@lehigh.edu Thu Sep 28 11:15:00 1995
From: bruce@trappist.net.com (Bruce Florip)
Subject: [3509] Cascades Arrive in Santa Clara CA
Message-ID: <9509271620.AA10539@trappist.net.com>

Hi QRP-L group.

Dateline: Santa Clara Ca. 09/26/95 Afternoon Mail.
Cascade shipment Arrives at AA7AR/6 (bruce) and K06MM (frank)

The Cascade packaging is the usual NorCal top notch effort.

US Priority Mail Box with Manual and bubble packed parts bag.

From the first few pages of the manual, I can hardly wait to start. It's a beautiful job of writing in the "test-as-you-build" style.

More reports later, but Thanks NorCal!

Bruce Florip AA7AR/6 Santa Clara, Ca.
Not on the list with this address, so
use bflorip@aol.com to contact me there.

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [3540] cw filter opamp swap?
Message-ID: <9509281408.AA05552@wizard.ucs.sfu.ca>

Can anyone help me with a newbie opamp question?

A little cw filter board that I got for my Swan 700cx (long since gone) uses a MC1458p which seems to have fried. Can I use a TL072 in it's place. (I happen to have a bunch of them.)

Thanks in advance.

cheers, Paul
VE7CQK

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Larry East <LVE1@inel.gov>
Subject: [3511] DX Call Database?
Message-ID: <9509271711.AA29418@garnet.inel.gov>

The callsign database at ualr.edu only supports US calls. Is there a similar database that includes DX calls accessible via telnet or ftp? Been too cheap to by a new DX callbook the last couple of years...

72, Larry W1HUE

Dr. Larry V. East
Nuclear Engineering Department

Idaho National Engineering Laboratory
P.O. Box 1625, MS 7113
Idaho Falls, ID 83415
e-mail: LVE1@inel.gov
voice: (208) 533-4005 fax: (208) 533-4207

From qrp-l@lehigh.edu Thu Sep 28 11:15:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3508] FCC database
Message-ID: <199509271541.PAA07158@chuck.dallas.sgi.com>

Gang,

On the note of the FCC. Check your expiration address
of your license.

Of the stations that I worked on 30M this summer and sent
QSLs too. A couple had expired forwarding addresses and
a couple of the calls weren't even on the FCC server.
It may be that they were operating with expired licenses!!
I don't think I copied the calls wrong through a 15 minute
QSO at 25 wpm!! Maybe I did. ;-)

Just a friendly reminder.

I just love the listserv commands and I use for every QSL
the following (now boys and girls read this carefully and
NOTE the email address. it is NOT the same as that for
posting to this group.):

mail to `LISTSERV@LEHIGH.EDU`

in the body of the message put a one liner starting on the
first line

`RUN QRP-L X CALLS2DIST K5FO KI6DS`
`RUN QRP-L X CALLS2DIST K5FO N6KR`

and do this for as many calls as you worked. I show upper
case here so that the lower case L doesn't create problems
with some reader fonts.

Terminate your list with a

--

(two minuses on a line alone), that's why my sig file has the -- in it. :-) I don't have the dit dit in the sig file. This will keep your signature from being interpreted as a command or give errors. The -- not the dit dit. :-)

You will get back a separate email for each call and the mailing address and distance from your callbook address to the other station's callbook address. I even put this number on the QSL card just for fun.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Thu Sep 28 11:15:00 1995
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [3533] Filter design program via FTP
Message-ID: <1995Sep27.235302.11979@abs.net>

FREE TO GOOD HOME: FILTER DESIGN PROGRAM

Just a reminder, or perhaps the first announcement--I'm not sure if I mentioned this before--but there's a good filter synthesis program available at the ftp area on lehigh.edu for MS-DOS machines (runs under DOS). It was written by Bob Lombardi, whose call I don't have handy at the moment. The name is Filter Design System version 1.24, also known as FilDes or FDS124. It designs filters--low pass, high pass, bandpass, elliptic, Butterworth, Chebyshev, and is a great design tool for anyone doing QRP work. He submitted an early version to RF Design magazine (a trade journal) for their annual design contest in 1991, I think it was, and received honorable mention. It has since been improved.

The program is easy to use; just answer a few questions when prompted, and the component values pop right up. It allows you to print out results or save to disk in the format used by Touchstone. (I'm one of the lucky ones who has Touchstone available at work; being in the \$10K price class, it's not something for the average home hobbyist!) I've used FilDes to do some paper experimentation

and analysis with low pass filters, and it's a lot of fun.

Wart Warning: Not a show-stopper, probably not of interest or concern to most folks, but there are a couple of esoteric ones, both involving the Touchstone-format disk files it puts out. I took some of the Touchstone-format output files straight from FilDes to work and tried them on Touchstone, and there are a couple of problems, either of which could cause some difficulty if you use particular functions. First, if you design filters with differing input and output impedances, something FilDes does easily, the different impedances are NOT reflected in the Touchstone file output--it does not add the appropriate TERM statements, so Touchstone assumes it's 50 ohms in and out, giving very misleading results. Worse, you probably won't even realize the results are bogus.

Wart Number Two: in the specifications for GRID, under RANGE it gives a (frequency sweep) step size of 0.0, something that Touchstone does not like. You must go back and modify the file to show a step size greater than 0, or else Touchstone will refuse to perform a sweep.

I've notified the author of these. In all fairness, most people will probably never design filters with different input/output impedances with FilDes and then export them to Touchstone for analysis :-). And in the case of the 0.0 step size, Touchstone will tell you exactly what the problem is when you try to do a sweep, and you can find and correct it very easily. For the average hobbyist, neither of these problems is probably of any concern.

Touchstone is nice, but way out of our price range--we need a good, inexpensive way to analyze the filters that FilDes designs, ie, do frequency response sweeps on them, and a good answer is the GPLA--General Purpose Ladder Analysis--program that comes on the software disk included with Introduction to Radio Frequency Design by W7ZOI, recently reprinted by ARRL. (True Fact: one of the other technicians at work, a non-ham, recently ran over to Maryland Radio Center on his lunch hour to buy Intro to RFD, and his main reason for getting it was because of the software. To him, the book was a bonus!)

Unfortunately, the formats used by GPLA and FilDes are incompatible so you'll have to type them in manually, but it's very little trouble. (Actually, you'd load an existing file, such as the GPLA demo, then edit the component values.) One small problem is the fact that they are inverted from each other--Touchstone and FilDes put the source (signal generator) end at the top of the circuit list, while GPLA puts the load end at the top. It won't make any difference if your filters are symmetrical, but mine weren't--they were designed for different impedances on the input and output, so the component

values at one end were different from the other end. The inversion caused me no end of head scratching until I realized what was going on and causing the strange results. (I only recognized the results as strange because they were so dramatically different from the results I got on Touchstone for the same designs.) But once you get the hang of it, FilDes and GPLA make a really great combination, and I've had a blast using them together!

FilDes is copyrighted to protect the author, but there is no charge for it. I first heard of it a couple months ago, on rec.radio.amateur.homebrew on USENET, as I recall. The author mentioned that it was at a certain ftp site in a subdirectory which turned out to belong to none other than Ray Anderson, WB6TPU, the technical editor of the QRP Quarterly. I looked for it, but found out that Ray had deleted it to make room for other files. I eventually got the author to upload it to another ftp site, and I then put it at lehigh.edu.

To find it, do anonymous ftp to lehigh.edu, work down through the directory chain to pub/listserv/qrp-l/tools. You'll recognize it when you get there--the filename is fds124.zip. There's also a file called fds124.txt.Z, which is a very brief description (verbatim from the "on-disk" manual), but it's not worth bothering with. My message here has vastly more info :-)

Before you download it from the ftp site (using the GET command), be sure it's set for binary transfer, not ASCII, or else you'll never get it to work. After you get it to your home machine, you'll need to run PKUNZIP on it. The .zip file is about 55K, and it PKUNZIPs to a 100K .exe file and 17K of .doc.

One of these days I'll get around to uploading RFTTOOLS to lehigh.edu. It's from Teledyne Microelectronics, copyrighted but free, and they encourage sharing. It does a number of RF-type calculations. I've never tried "hamcalc" so don't know which is better or if there is any duplication between them.

If you do anything at all in homebrewing, you owe it to yourself to take a look at FDS--it's worth far more than the price of admission!

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3518] FS: Ark 40 QRP rig
Message-ID: <Pine.3.89.9509271629.A6863-01000000@w3eax.umd.edu>

The famous S&S Ark 40, checked out by KA3ZOW at his factory.

Perfect condition, assembled and working great with keyer option installed. With box, manual, and plug for making power cord.

Selling for Govind, KA3RTE, who doesn't (and didn't) use it much.

Asking \$275. Offers considered.

For those who don't know, 40m synthesized QRP rig, 5w out, pushbutton tuning, built-in speaker, all-aluminum case, built like a brick.

Email or call - calls work better...

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: "Frank, G3YCC" <frank@yorks.demon.co.uk>
Subject: [3523] Home made Components
Message-ID: <7626@yorks.demon.co.uk>

Hi. Wonder if anyone has ever built a receiver from all home made components? Picture the scene: you are in the position of the POWs in WWII (heaven forbid...) and can only scrounge bits of wire, tin cans, candles, string - you get the picture? NO, you can't ring Fred up and beg a handful of NE602's, there are no radio shops (something like my location!), only what you might be lucky enough to ADAPT to building that RX. Can it be done? Yes, it can and was of course during the war/s. I learned of a guy who used an ordinary electric light bulb as a simple (and inefficient) diode by using foil as an electrode, on the OUTSIDE OF THE GLASS!
Now, there's a challenge for you - anyone like to try? Be a change from kit building wouldn't it?

Perhaps you have some knowledge/experience of how such radios were built during the wars and especially in the environment of POW camps? I think someone has written a book about this, but have no informaton.

72/3

--

Frank G3YCC (G QRP 042)

Email: frank@yorks.demon.co.uk

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: adam@philadelphia.libertynet.org (Adam O'Donnell)

Subject: [3529] Homebrew CW Filter???

Message-ID: <9509272324.AA26539@philadelphia.libertynet.org>

Does anyone have any designs for a homebrew CW filter? I was looking at a single pole design that is on p66 of the W1FB QRP NOTEBOOK. For those of you who don't have the book, the filter is a single TL081, constant bandwidth, and a variable center frequency.

Can I run the headphone output right into the device and then hang a pair of headphones right off the opamp? If I have to use a LM386, what would the circuit look like? Could I still run the circuit off of the headphones directly?

72 and thanks.

--

Adam O'Donnell, N3RCS

Amsat: N3RCS@AMSAT.ORG

Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: bfinch@asp.vet.purdue.edu (Robert Finch)

Subject: [3504] manuals

Message-ID: <9509271516.AA14448@asp.vet.purdue.edu>

The manuals Heathkit told me they offer are REPRINTS.

By this they mean SOME of the manual. Basically, if

I recall coreectly that is schematics, parts lists, and troubleshooting, and NOT much else. The layouts and other diagrams are critical during troubleshooting, especially since the kits are built by 'whomever' and to 'whatever' standards.

Yes they (Heath) has made a big deal out of placing lots of ads announcing their INFERIOR partial reprints, at similar prices to a decent and neccessary full reprint. And if you read the ads they specifically say they are the only place to get the 'copyrighted' version.

If this scares the guys who make little to nothing profit-wise supplying the ham community with copies of the full manuals then a pox on Heath.

There, I'm calm now. Flame suit on.

Baab,n6cxb

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [3532] Missing QRPP's
Message-ID: <9509280458.AA10330@deneb.csustan.edu>

Guys, I saw on the list that there are several of you on the East Coast who are waiting for your Sept. issue of QRPP. Well there is an explanation. The printer made a mistake and shorted me 150 copies. He called and said that he would send them as soon as possible. Don't anyone flame the printer, because it was an honest mistake, and he did let me know as soon as possible and he did get the mistake corrected. But, here was my situation. I had 1050 copies of QRPP. I sent out all but 50 of them, as I had to save back 50 so I would have the minimum of 200 to take advantage of the bulk postage rate, which saves us about 90 cents per issue. Which 200 was I to choose to not get there QRPP? I flipped a coin, heads it would be the start of the zip code list, tails it would be the end. It came up heads. So, I held out all the labels from 00000 to Florida, what ever that is. That is the bad news.

The good news is that I got the rest of them today. I put the labels on, bagged them, put a renewal reminder (printed on purple paper, which my wife just shakes her head at. She says, "That must not be very important, if they can't read the renewal date on the label." I remind her that we have more important thoughts on our minds, and put the reminders in.) They go to the post office tomorrow, and will ship via bulk rate. Sorry for the inconvenience, but it is the best that I was able to do.

By the way, there have been 100 Cascades shipped. Also, don't forget to go to Pacificon!!

72, Doug

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Electronic Design Magazine <dmalinak@CLASS.ORG>
Subject: [3538] Painting Cascades
Message-ID: <Pine.SUN.3.91.950928063530.26897A-1000000@class.class.org>

To the list: I, like many of you, have a Cascade on the way. But unlike many of you, I've not had the pleasure of building a NorCal kit before. I understand the case will be unfinished brushed aluminum. I may just leave it as is, but I might try my hand at painting it. Any tips or suggestions on that aspect of kit-building? What kinds of paint have you had good results with? Is it best to use many light coats?

72/73 David N2SMH
Glen Rock, NJ

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [3530] QRP Power Generator, nah just small pkg.
Message-ID: <199509280522.WAA19066@ix.ix.netcom.com>

Fellow QRP Enthusists & those who are QRO too,

What would You do with a generator that weighed less than 10 lbs. ?
(115 VAC) 800 Volts-Amps generator ? 2 cycle, 2 H.P. Tecumseh Engine,
plus 12 & 24 VDC outlets. Yeah, yeah, I know it's a QRP Group, but I
could not resist, this generator is small. ATI (Active Technologies
Inc.) in Alamogordo, NM is building them. 1-800-545-5348 (USA) will
bring You a detailed brochure. Quantity 1 pricing is around \$490.00
(USA). ATI is a DOD contractor who has turned some of the technology
into commercial products.

I have nothing to do with ATI, other than that is the smallest
generator that I have seen to date, @ that VA rating. I have tool boxes
larger than this generator. I have tube type radios that weigh more
than this generator. For QRP, this generator is overkill, however,
while out camping, You can charge the vehicle batteries & deep cycles,
fire up the QRO radio, when conditions are tough, bring along the
microwave oven, for real camp cooking. :)

72...Jay, WA5WHN, Albuquerque, NM

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: mvjfm@mvubr.att.com (James M Fitton 508 960 2577)
Subject: [3536] QRP-AField - so far...
Message-ID: <9509281217.AA09124@ig1.att.att.com>

Hi Jim (and Dennis),

Here are the results to date for QRP Afield--1995. Please feel free to=
share with the list and encourage folks to get their logs to me soon. I'll=
accept them until late October, but I'd rather get them sooner than later.

It's interesting to compare the 1995 results with the 1994 results. 1995=
scores are down significantly from last year and many people complained=
about the very poor band condx. Since we are at the nadir of the sunspot=
cycle, condx can only improve!

Meriden ARC had 6844 points last year vs. only 4400 this year.
Seventeen people had scores greater than 1000 last year. So far this year
we've only got five.

Even your score is down a lot. Last year W1FMR had 1836. This year 540.
I also think it's significant that last year's winner ran Hi power in the=
field.

This year all the top scores have been Lo power in the field.

I'll keep you posted as things move along. In the meantime, the logs arrive= at a rate of 2-3 per day.

73/2,
Chet, AA1EX =20

QRP-Afield 1995
Results

| Call | Name | Location | Class | Q's | Mults | Score |
|--------|-----------------|--------------------------|-------------------|-----------------|--------------------|-------|
| W1NRG | | Meriden, CT | ARC | Wallingford, CT | Godek's FmHi Field | 44 |
| | | | | 25 | 4400 | |
| WB3GCK | | Craig LaBarge | Elverson, PA | French Ck SP | Lo Field | 26 |
| | | | | 13 | 2704 | |
| AA7QU | | Russ Carpenter | | Cent. OR, 7000' | mountain Hi Field | 31 |
| | | | | 20 | 2480 | |
| WK8S | Pete Meier | Waterford, MI, | Dodge SP | Lo Field | 25 11 | 2200 |
| AA1CA | Tom Doubek | Stratham Hill, NH | Lo Field | 17 8 | | 1088 |
| NN1G | Dave Benson | Union, CT, state forest | Hi Field | 15 10 | | 600 |
| NF=D8R | David Gauding | Creve Coeure, MO | park Hi Field | 13 | | |
| | | | | 11 | 572=09 | |
| KC1FB | Jim Francoeur | Norwalk, CT | on deck Lo Field | 10 | | |
| | | | | 7 | 560 | |
| W1FMR | Jim Fitton | Mobile in NH, var. locs. | Hi Field | 15 | | |
| | | | | 9 | 540 | |
| N2MNN | Steven Pituch | Livingston, NJ | in field Hi Field | 16 | | |
| | | | | 8 | 512 | |
| AA1IK | Ernest Gregoire | Canaan, NH | backyard Hi Field | 11 | | |
| | | | | 11 | 484 | |
| WA2BQI | Bud Peterson | Jamestown, NY | at home Hi Perm | 36 | | |
| | | | | 13 | 468 | |
| WU7F | Bob Farnsworth | Cougar Mt. Park, WA | Hi Field | 15 | | |
| | | | | 6 | 360 | |
| K3TKS | Danny Gingell | Silver Spgs., MD | at home Hi Perm | 23 | | |
| | | | | 13 | 299 | |
| N1MVU | Wallace Kimura | Lebanon, NH | at home Hi Perm | | | |
| | | | | 10 9 | 90 | |
| WA1JGK | Mill Moore | Hartland, VT | Hi Field | 4 | | |
| | | | | 3 | 48 | |
| W6ZH | Pete Hoover | Honolulu, HI | in hotel Hi Field | 1 1 | 4 | |

CHESTER S. BOWLES, Vice President, Crotched Mountain Foundation
One Verney Drive, Greenfield, NH 03047 603.547.3311 ext. 404 =
bowles@cmf.org
=20
Education, rehabilitation, housing, and managed care for children,=
adolescents and adults with physical and developmental challenges. [http://=](http://www.cmf.org)
www.cmf.org

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3502] QRPP Vol III Nr 3, Sept 1995
Message-ID: <199509271408.0AA06833@chuck.dallas.sgi.com>

Gang,

Like the rest of the gang I received my issue yesterday.
Thanks for the present Doug!! Good timing.

I was already scheduled to take my handwriting skills over
to a big fancy house and address envelopes for a civic org.
in Dallas for two hours. Immediately upon getting back to
the home QTH I sat down on couch with the light on #3-high
position and immediately read it from cover to cover.

Now if you as reader of this group are not currently among
the subscribers of the QRPP Journal of the Northern California
QRP Club you should be. It is a great journal and a QUALITY
journal in format and content. I know that Doug started
out not realizing that most of his free time was going to
be spent three years later doing a journal every three
months.

I'm not going to list the contents and I'm not going to
review the thing in detail. Just a few comments.
I enjoy reading the FD reports and what others are doing.
I know that there are people who want more and more technical
articles and details, but you have the Handbook and all the
other books too. This hobby is about people, their thoughts,
feelings and ideas. It is not about NE602s, 2N2222s, and
other components. It's about how they interact and how we
interact with them. Keep them cards and letters going to
Doug, QQ, CQ, and all the rest. Be a horn tooter not a
horn totter. Wink High School Band motto, Wink TX.

I got to page 14 and I jumped!! Scared the heck outta me. Thought Doug had sneaked into the shack. :-) ;-) Well, not quite. Nice collection of rigs. It's a wonder the table didn't collapse. The one with the most toys when they die wins!! :-)

The quality of the photos equals that of the QQ and any other magazine that I know of. It is neat and a joy to see photos of people that I have either run into personally or worked on the air in a newsletter/journal. In this issue of QRPP you see W6EMD, W7EL (Doug, typo page 41 ;-), W8MVN, NN1G, KI6DS, NF0R, KC0PP, KA3ZOW & Cathy (she has a call gang, what is it? Dweeb trivial pursuit.), WA6HHQ, N6ULU, N6KR, and N6GA. How many names can you put with these calls? If you get 80% or better without looking 'em up you are on the air or read all the literature and/or this group.

Doug also went through a lot of trouble on my article as I sent it to him in ASCII form and he took the diagrams and block diagrams and redid them. I appreciate it Doug. Good work.

The schematics look very good. And I'm sure the PC board artwork will help a lot of those who like to do their own boards and not have to wait on mail order. And the reduced picture of the NorCal Membership Certificates doesn't do it justice, but it is good. The original certificate has color printing that really makes it stand out. Jeff KF9UP does a great job on them.

I asked for photos a long time ago from this group when I wanted to get everyone together in one book and only got one from AC4HF. So once again gang, send in photos to Doug that you would think would be of interest to the rest of us. We wanna see what you look like and some of the rigs out there in the shack(s). This outta put Doug in overload. ;-)

Neat T-Shirt Wayne N6KR.

I don't wanna see this group break out into QRPP arrival groups, different orgs, different modes, different states, etc. Be tolerant and be thankful that you have a group of hobbieists together that share. Flame suit on. I mean we already did the Dayton group. To me lots of traffic means lots of activity. Remember we start the Fox Hunt next week. Hope the 40M band opens up soon. Be there be square.

Voting to begin next week on the logo too. Notice to follow later in the week. Don't vote early and don't vote often. This isn't Chicago. ;-)

OH, to join the NorCal group, send money to (make checks or MOs out to Jim not NorCal and we've had this thread before gang on the internet)

Jim Cates, WA6GER, 3241 Eastwood Rd, Sacramento, CA 95801

\$10 per year for US, \$15 per year for Canada, and \$20 per year for DX.

It is shipped bulk rate (permit no. 72 - a feat of Doug's) from Dos Palos, CA, thus the postings on arrival are related to how the USPS and it's regional and local distributors of the mail pass it along. The USPS works in mysterious and wonderous ways gang. Last night I got into a discussion on how the USPS used to deliver the mail across the country in one day for the price of a first class stamp. Not any more.

FYI

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Subject: [3505] qrpp where?
Message-ID: <9509271517.AA14453@asp.vet.purdue.edu>

I guess I need to move to Cananda or overseas. Did I read correctly, that last week or even sooner on receiving their new copies of qrpp?

Baab

P.S. I am already receiving requests for certificates (by snail mail), but no edition of qrpp. (Where the ad is..hi.)

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: N5EM@aol.com
Subject: [3521] RS12 and the Plus
Message-ID: <950927225126_111152709@emout06.mail.aol.com>

Gang,

Oops. Partial error. In a conversation with Bruce at Index he mentioned that the synthesizer in the Plus is not fast enough to effectively switch at QSK keying speeds between bands. Hence (and after listening on the now secondary TS-130V) there is significant chirp while the synthesizer locks to transmit frequency. So, the short version is that the Plus will do crossband SSB just fine, just not CW. And, try to wait about 0.5 second before you start talking :-)

ed
72

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: carreiro@netcom.com (Paul Carreiro)
Subject: [3525] So. Calif. QRP gathering this Saturday
Message-ID: <199509280221.TAA17950@netcom21.netcom.com>

Greetings all Southern California QRP enthusiasts..

There will be a gathering of QRP ops at this Saturday's TRW swapmeet located in Redondo Beach, CA. We plan on meeting at the swap, then moving to a local restaurant for brunch. Judging by previous gatherings, there should be quite the show and tell session with lots of goodies to play with.

Currently slated to show up are:

Cam N6GA
Fred K6MDJ
John AB6DG
Tony N6OAT
Paul N6HCS

(all of the Zuni Loop Mountain Expeditionary Force)

On display I'm sure will be a few rigs with the new Wilderness Radio KC-1 Keyer/Counter.

So.. if you are interested in joining us.. drop me some private E-Mail. I will forward directions, talk in frequency and meeting time. And by all means.. bring some show and tell item along with you (not required).

72 for now!

Paul N6HCS /M /QRP /QRQ

--

Paul F. Carreiro - N6HCS - E-Mail: carreiro@netcom.com
QRP / Boatanchors / Mobile CW / QRQ +40WPM
NorCal QRP #367 / QRP QRCI #8885 / CW FISTS #1407
Zuni Loop Mountain Expeditionary Force (Rookie)

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: burdick@interval.com (Wayne Burdick)

Subject: [3515] Spanish translation of the NorCal 40A manual

Message-ID: <v02130517ac8f5b22f343@[199.170.106.28]>

Thanks to Jon Iza, EA2SN, Wilderness Radio now has available a Spanish version of the NorCal 40A manual. Jon cited a dearth of available QRP kits with Spanish translation, and decided to do the translation himself. In fact another ham in Spain has now built the '40A using Jon's manual, and that rig came up without a hitch. Jon has also decided to translate the KC1 manual. Muchas gracias, mi amigo, for your contribution to QRP!

So, if you know of QRPers in the Spanish-speaking world who have not had access to kits because of a language barrier, please let them know about the '40A.

73,

Wayne ("Rodrigo") Burdick

N6KR

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [3519] Subscribe

Message-ID: <Pine.3.89.9509271650.B6863-01000000@w3eax.umd.edu>

Subscribe ham@w3eax.umd.edu

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: beretta1@ix.netcom.com (LARRY PIKE)
Subject: [3531] Thanks for help w/ Callsign database
Message-ID: <199509281050.DAA02514@ix5.ix.netcom.com>

What a great resource this list is - thanks to one and all for your help.

72
Larry
wd9hcr

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3501] W8MVN
Message-ID: <199509271417.0AA06873@chuck.dallas.sgi.com>

In the QRPP is the antenna system of Ernie W8MVN. You wanna know why he is the strongest 5W on 40M, read the article.

dit dit
--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Subject: [3517] whew

Message-ID: <9509271946.AA15204@asp.vet.purdue.edu>

i have now OFFICIALLY (sp?) received my qrpp
(apparently by pony express agents)...baab

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: METEVIA@homer.yankee.com (W. J. Metevia)
Subject: [3507] Windup Radio
Message-ID: <Q4154CD8@ex2217.yankee.com>

Thought you might be interested...

WIND-UP RADIO

On hearing that Africans were unable to receive important health information because of the prohibitive cost of radio batteries, a British inventor has developed a clockwork radio that is wound up like an old gramophone. Twenty seconds of winding will power 40 minutes of listening. Future uses could include lamps or lights in the Third World and portable phones, calculators, or electronic games in the First World. (Financial Times 19/20 Aug 95 p9).

(maybe our British friends on the mirror can provide additional info)

-73-

Bill k8ati/1

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Harry_Chase@smtpgwy.windata.com (Harry Chase)
Subject: [3512] Windup Radio
Message-ID: <9508278122.AA812234520@smtpgwy.windata.com>

There are also some solar powered broadcast and SW radios out there for use in places where there isnt a steady supply of batteries. They use earphones to save power consumption, and usually have a ni-cad which is slowly charged while the sun is up. As I recall, there is an outfit in Israel making these things.

Harry
WA1VVH

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [3506] Re: Callsign Database Help Needed
Message-ID: <95Sep27.111603edt.4268-2+5@hooch.CC.Lehigh.EDU>

>From Pete Rossi, WA3NNA:

> Data in this server is *not* 2 months old. I think you have uncovered a bug
> with this server. The calls N3VXF through N3VXJ do not show up.
[...]
> My guess is that maybe somebody along the way lost some updates. N3VXE was
> issued on Aug 8 and N3VXK on August 14. Looks like almost a full week gap
> there. Something got lost.. Let me guess, your license was issued sometime
> between the 8th and 14th.. Check it out.

Thanks Pete, I'm sure you're right. Why me? :-)

73
Jim N3VXI

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [3527] Re: Dream Kit in QRPP?
Message-ID: <199509272346.TAA05254@brutus.bright.net>

Jeff - there is a multiband ssb/cw kit on the market right now - The
Hands Electronics RTX. It currently will do six bands - SSB and CW.
Up to 15 watts output.

This fall there is a 10 band version coming - with an updated IF
board and DDS VFO with PLL and microprocessor controller. I'll post
something to the list when I know more about it (i.e. - pricing! and
availability. There is a four part article scheduled to be in QST
late this fall.

In the meantime - check out my catalog at the URL below.

73
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://qrp.cc.nd.edu/kanga/](http://qrp.cc.nd.edu/kanga/)

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [3539] Re:Hands Kit
Message-ID: <01HVSXNW4EK2I1EJCV@tntech.edu>

Hi,

Bill-Kanga wrote:

Jeff - there is a multiband ssb/cw kit on the market right now -The Hands Electronics RTX. It currently will do six bands - SSB and CW. Up to 15 watts output.

anyone have any experience with this.. I looked at the WEB page and found it really hard to get the info I wanted.. the page is very good and very complete.. but guess I am really pressed for time here and wasn't sure about some of the info.. basically.. what would it cost for a complete kit, what features does it have, what type of mike would you need. .what about QSK, what about narrow filtering, how good is the kit (parts and board and case) how good are the instructions, how well does it perform..

thanks

73

Jeff, AC4HF

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: "MSgt Cameron C.R. Bailey" <CBAILEY@PAMDT.ANG.AF.MIL>
Subject: [3535] re: Home made Components
Message-ID: <heH8+TZcOkB@PAMDT.ANG.AF.MIL>

There was an article on WWII POW receivers made using a razor blade and (Pencil?) lead as the detector. The challenging part was the phones. I do not have the article. Because of my interest of military history, I would appreciate having a copy of it. I would like to construct one.

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron

Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Gregg Bernick <gberni@infi.net>
Subject: [3514] Re: Oak Hills Research Kits
Message-ID: <Pine.SV4.3.91.950927142038.2317A-1000000@larry.infi.net>

Your not going to go wrong with an Oak Hills Research Kit!! I've build
a few of them Myself, Great kits..

This Signature Under Construction

InfiNet | Hampton Roads' Premier Online Information System
 | (804) 627-1828, login guest, password guest to register

On Wed, 27 Sep 1995, Karl-Heinz Merscher wrote:

>
>
> Hi,
>
> does anybody here on the reflector know a good supplier for OHR-QRP-Kits in
> the USA? I prefer suppliers with E-mail access. So I tried send an E-mail
> to bob@raddev.com which is an employee of Radio Devices, Marlboro, Ma but
> I never received an answere back. I'm gonna buy me an EXPLORER Kit so I have
> to determine and compare the differnt offers.
>
> Thank you in advance.
>
> vy 73 de DL6RDE/AA1KD, Charlie
>
>

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: Jim Ehrmin <dogbert@halcyon.com>
Subject: [3534] Re: QRP Wattmeter 4 sale
Message-ID: <Pine.ULT.3.91.950927204457.22598A-1000000@chinook.halcyon.com>

Gary,

I sent a money order out tonight and personally gave it to the postman as

he was picking up the 5pm mail. You should get it in a few days.

Thanks,

Jim KB7SOK (good in callbook)

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>
Subject: [3516] Re: QRP+ mods?
Message-ID: <DADC4F68FB@daphne.rrze.uni-erlangen.de>

Hi John,

you wrote:

> As a new QRP+ owner I am finding things that I guess some of you have
> already found solutions for. In particular:
>
> 1. Is the keyer-speed increment of 1wpm available on EPROM from
> Index Labs as an upgrade/exchange? If so, how much does it cost?

I talked to Bruce Franklin today on the phone and asked a few questions after ordering my QRP+ on the Internet group buy deal. One thing I wanted to know was what his policy on software upgrades is. I understand that he will send the new ROM to any owner of a QRP+ who requests it, for 5 USD. The changes in the software are the finer tuning steps in the keyer and the memory for which mode (SSB or CW) the rig is in when you turn it off. When I asked for out-of-band transmit (to excite a transverter) he instructed me that one single memory address in the EPROM has to be changed to "00". I am confident that a friend with an eprommer can do this for me.

I was glad to learn that I can use the rig, as I intend to, for the digital modes also. Switching time is 40 milliseconds and hence it should be fast enough for PACTOR, AMTOR and the like. Bruce only cautioned that with RTTY the higher one of the two tones might be out of the audio passband. I don't think this will be a problem as I can set the audio tones with my RTTY program of choice (HAMCOMM) just as I please. Obviously, I will have to readjust the (imaginary) carrier frequency.

>From one of Bruce's comments I gathered that no major upgrades on the QRP+ are planned. Well, there are no major complaints either ;-)
And Bruce promised to send the package out tomorrow ...

No connection to Index Labs except as a customer (to be). What I say may

be my own misunderstanding and doesn't bind them.

73 es 72,
Richard

--

Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: rgobrick@public.compuser.com (Robert J. Gobrick)
Subject: [3500] Re: RSGB Radcom & Sudden
Message-ID: <199509271423.LAA29921@public.compuser.com>

Dave and QRP-L gang,

I mentioned the other day on the list that I came across a new variation of the great little qrp receiver called the Sudden by G3RJV.

I mentioned that I saw the article in the September 1995 issue of RSGB's Radio Communications (RadCom) magazine.

The unit is called the "Pineham" (where the English get these names??) and it is basically a simplified version of the 80 meter Sudden which modifies the front end filtering, deletes the af gain control (just uses a front end input attenuator control) and finally (the big plus) modifies the circuitry between the NE-602 and LM386 to take advantage of the antiphase outputs and inputs of these two chips resulting in a 6 db gain and better cw filtering. The circuit actually looks like an updated design of the best of the Sudden (Toko inductors) and the Neophyte design.

Not a bad little design for two chips - a definite candidate for a club project especially since it can be built "ugly" style on a pc board.

Again maybe Bill N8ET at Kanga USA can see if a printed circuit board version may be available in the future (or just modify the Sudden pc board).

73/72 Bob VO1DRB/WA6ERB

>Hi Bob,

>

>Thanks a lot! I checked here in our info center to see if they carried
>that pub, but they don't.

>

>The problem with the kits is the exchange rate! We brought in the
>Ten-Tek regen receiver kits last year, but want to get back to basics
>with the kids so we can cover a bit more electronics theory.

>

>... Dave

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-----
| Bob Gobrick VO1DRB/WA6ERB/VE2DRB Newfoundland, Canada |
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      bgobrick@terra.nlnet.nf.ca |
|                rgobrick@public.compuserve.nf.ca |
| Compuserve:    70466.1405@compuserve.com |
|-----
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From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: Bensondj@aol.com

Subject: [3522] Re: Spanish translations

Message-ID: <950927223308_111141501@emout05.mail.aol.com>

On 9/27/95, Wayne Burdick (burdick@interval.com wrote:

>>Thanks to Jon Iza, EA2SN, Wilderness Radio now has available a Spanish version of the NorCal 40A manual.

I'll add my two cents-worth. Jon had contacted me a few months ago about translating the SW-40 manual into Spanish. He was gracious enough to forward me a copy of the finished product, and it looks great! Here's hoping that Jon feels inspired to continue this worthy effort for other QRP kits as well. Well done, Jon!

. and while we're at it- any other recent translations the group knows about?

72/73- Dave Benson, NN1G (Small Wonder Labs)

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995

From: Larry East <LVE1@inel.gov>

Subject: [3510] RE: SWLing with the QRP+

Message-ID: <9509271646.AA28906@garnet.inel.gov>

On 27 Sep 95, Doug Anderson (KE6MRM) wrote:

>The QRP+ looks great but what is the usefulness of coverage outside of the
>Ham bands if it doesn't have an AM detector? Can it receive SWL stations,
>WWV, etc? Any input would be appreciated. (I'm going to buy one either way,
>its a great rig)

>

To listen to an AM station, simply set the filter to its widest position (2.4kHz), and zero-beat the AM station's carrier -- you will then hear it just like an SSB station! It ain't HI-FI, but it works...

72, Larry W1HUE/7

Dr. Larry V. East
Nuclear Engineering Department
Idaho National Engineering Laboratory
P.O. Box 1625, MS 7113
Idaho Falls, ID 83415
e-mail: LVE1@inel.gov
voice: (208) 533-4005 fax: (208) 533-4207

From qrp-1@lehigh.edu Thu Sep 28 11:15:00 1995
From: N5EM@aol.com
Subject: [3520] Re: Windup Radio
Message-ID: <950927171949_110782284@emout05.mail.aol.com>

In a message dated 95-09-27 12:54:55 EDT, you write:

>a
>British inventor has developed a clockwork radio that is wound up
>like an old gramophone. Twenty seconds of winding will power 40
>minutes of listening.

Hey, I saw a portable shortwave receiver like this at a surplus store in Houston. I thought it was interesting but as it had no BFO I saw no serious application.

Ed